

In re Patent Application of
Stephen E. Frazier
Serial No. 09/923,764
Filed August 7, 2001

In the Claims

Please cancel claims 76-79 without prejudice and substitute the currently amended Claims. The amendments include no new matter and are fully supported in the application as filed.

1-63.(cancelled)

64.(currently amended) A process of making an enhanced granular activated carbon having an increased adsorptive capacity over plain activated carbon for chlorine dissolved in water, the process comprising:

enhancing plain activated carbon by contacting previously activated granular carbon with an aqueous solution having up to about 10% by weight of an enhancer comprising potassium iodide; and

drying the enhanced activated carbon by heating; and
washing the enhanced granular activated carbon with a liquid
comprising no enhancer.

65.(previously amended) The process of Claim 64, wherein contacting is for a time sufficient to saturate the activated carbon with the enhancer.

66.(previously amended) The process of Claim 64, wherein drying is accomplished by heating without reaching ignition temperature.

67-74.(cancelled)

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75.(previously amended) The process of Claim 64, wherein the enhancer consists of potassium iodide.

76-79.(cancelled)

80.(new) The process of Claim 64, wherein washing is continued until the enhancer is substantially washed out of the enhanced granular activated carbon.

81.(new) The process of Claim 64, further comprising a second drying after washing.

82.(new) Enhanced activated carbon made by the process of Claim 64.

83.(new) An enhanced activated carbon having increased adsorptive capacity over plain activated carbon for chlorine dissolved in water, said enhanced activated carbon made by a process comprising:

contacting activated carbon with an aqueous solution having up to about 10% by weight of an enhancer containing a material selected from potassium, iodine, and combinations thereof;

drying the carbon following contacting; and

placing the carbon in a liquid effective for removing the enhancer from the carbon.